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357/20

In re Patent Application of

GLENN et al.

Atty. Ref.: 4057-8

Appln. No. 09/266,803

Group Art Unit: 1644

Filed: March 12, 1999

Examiner: G.R. Ewoldt

FOR: ADJUVANT FOR TRANSCUTANEOUS IMMUNIZATION

* * *

AMENDMENT UNDER 37 CFR § 1.111

March 18, 2003

Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the pending Office Action (Paper No. 30) mailed October 18, 2002, entry and consideration of the following amendments and remarks are respectfully requested.

IN THE CLAIMS

Kindly enter the following amended claims.

-
1. (4x Amended) A method of inducing an immune response comprising:
- (a) hydrating intact skin of an organism and applying a formulation to the hydrated, intact skin, wherein the formulation comprises (i) at least one antigen which is derived from a pathogen and (ii) at least one adjuvant, and an effective amount of the antigen which is not encapsulated induces the immune response;
 - (b) activating a Langerhans cell with the at least one adjuvant; and
 - (c) presenting the at least one antigen or epitope thereof on a cell surface of the Langerhans cell to a lymphocyte, thereby inducing the immune response in the organism.
-
2. (Amended) The method of claim 31, wherein the formulation further comprises liposomes.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 4057-8

GLENN et al.

C# M#

Serial No. 09/266,803

Group Art Unit: 1644

Filed: March 12, 1999

Examiner: G. R. Ewoldt

Date: March 18, 2003

Title: ADJUVANT FOR TRANSCUTANEOUS IMMUNIZATION

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT UNDER 37 CFR §1.111

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☐ **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment **97** minus highest number
previously paid for **93** (at least 20) = **4** x \$ 18.00 \$ 72.00

Independent claims after amendment **6** minus highest number
previously paid for **6** (at least 3) = **0** x \$ 84.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this
paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months) \$ 410.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$750.00) \$ 0.00

☐ Please enter the previously unentered, filed☐ Submission attached**Subtotal \$ 482.00**

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 180.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: **SUBMISSION OF FORMAL DRAWINGS INCLUDING FIGS. 1A-1D** 0.00

TOTAL FEE ENCLOSED \$ 662.00

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.
By Atty: Gary R. Tanigawa, Reg. No. 43,180

Signature: 

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